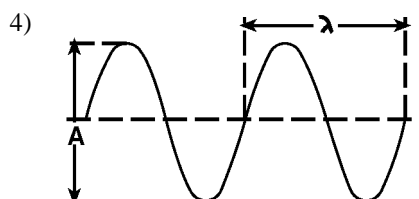
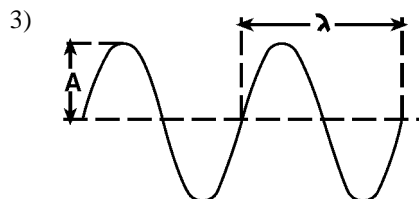
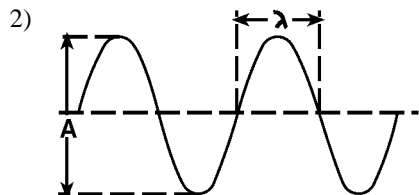
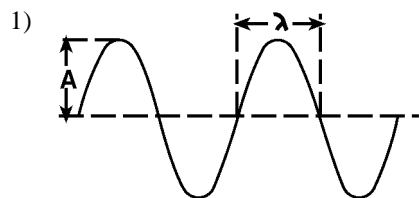
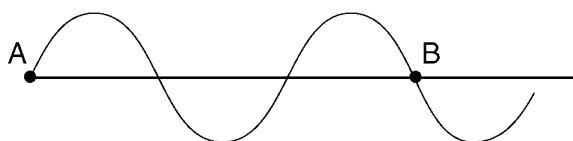


Amplitude & Wavelength

1. Which wave diagram has *both* wavelength (λ) and amplitude (A) labeled correctly?



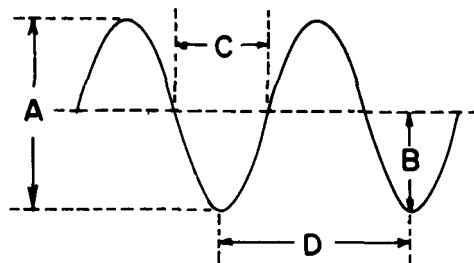
2. The diagram below shows two points, A and B , on a wave train.



How many wavelengths separate point A and point B ?

- | | |
|--------|---------|
| 1) 1.0 | 3) 3.0 |
| 2) 1.5 | 4) 0.75 |

3. Which distance represents the wavelength of the wave shown below?

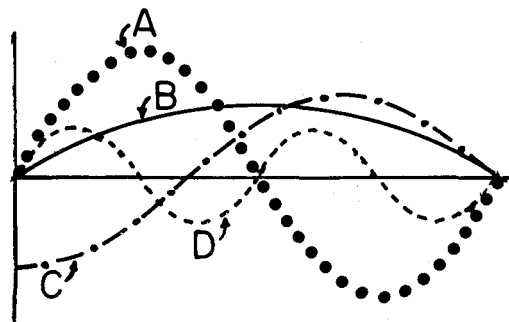


- | | |
|--------|--------|
| 1) A | 3) C |
| 2) B | 4) D |

4. The energy of a water wave is most closely related to its

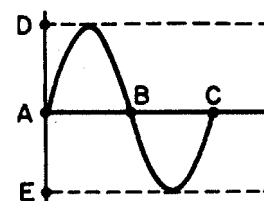
- | | |
|---------------|--------------|
| 1) frequency | 3) period |
| 2) wavelength | 4) amplitude |

5. In the diagram below, which wave has the largest amplitude?



- | | |
|--------|--------|
| 1) A | 3) C |
| 2) B | 4) D |

6. The amplitude of the wave shown at the right is represented by the distance between points



- | | |
|----------------|----------------|
| 1) A and B | 3) A and D |
| 2) A and C | 4) E and D |

Amplitude & Wavelength
Answer Key
[New Exam]

1. 3

2. 2

3. 4

4. 4

5. 1

6. 3